

MODULAR POWER SUPPLIES



LAMBDA MODULAR POWER SUPPLIES, RUGGED SOLID-STATE. REGULATED 0.03%. REMOVED FROM EQUIPMENT BUT IN EXCELLENT CONDITION. RATINGS ARE BASED ON A 60 HZ VAC INPUT; OUTPUT V-5% AND AMPS @ 40° CENTIGRADE.

MODEL	INPUT	OUTPUT	PRICE
LMB-5	105-132	5V	3.7A \$70.00
LMB-20	105-132	20V	2.7A 60.00
LMCC-5	105-132	5V	10.5A 100.00
LMCC-5V	205-250	5V	10.5A 100.00
LMCC-20	105-132	20V	5.0A 100.00
LMCC-20V	205-265	20V	5.0A 90.00
LMD-20	105-132	20V	7.4A 115.00
LMD-20V	205-265	20V	7.4A 115.00
LME-5	105-132	5V	20A 140.00

PACKAGE SIZE: (B) TYPE: 3x5x6 $\frac{1}{2}$; (CC): 5x5x9 $\frac{1}{2}$; (D): 5x7x9 $\frac{1}{2}$; (E): 5x7x11 $\frac{1}{2}$.

LRA-3 MOUNTING RACKS FOR THE ABOVE WILL HOLD THE FOLLOWING COMBINATIONS: 4 EA (A,B,OR C) 2 EA (D OR E); 2 EA (A,B,OR C) PLUS 1 EA (D OR E); 3 EA (CC). SIZE: 5x19x2 $\frac{1}{2}$. PRICE: UNUSED, \$17.95

LRA-6 RACK, HOLDS SAME COMBINATIONS AS LRA-3 BUT OFFERS BETTER SUPPORT. SIZE: 5x19x14. PRICE: UNUSED, \$29.95

OVER-VOLTAGE PROTECTORS FOR USE WITH THE ABOVE LAMBDA POWER SUPPLIES:

LM-OV-1	3-8 VDC	UNUSED-BOXED	\$15.00
LM-OV-2	6-20 VDC	UNUSED-BOXED	\$15.00
LM-OV-3	18-70 VDC	UNUSED-BOXED	\$15.00

LAMBDA HIGH CURRENT POWER SUPPLIES, LTD. QTY.

LMF-5	3x19x16 $\frac{1}{2}$	105-132v.	5V 48A	\$300.
LMF-A-5	"	105-132v.	5V 31.5A	\$275.
LMF-5-OV-V	"	205-265v.	5V 48A	\$300.
LMF-20	"	105-132v.	20V 23A	\$250.
LMF-A-20	"	105-132v.	20V 16A	\$250.
LMF-20-V	"	205-265v.	20V 23A	\$250.

OTHER MANUFACTURER'S SOLID-STATE REGULATED POWER SUPPLIES WITH 60 HZ INPUT VOLTAGES:

CON AVIONICS	INPUT	OUTPUT	PRICE
HT-39-1.75A-5.15	115v.	39V 1.75A	\$50.
HT-20-5.6A-5.15	115v.	20V 5.6A	\$75.
HS-20-15.5-896	220v.	20V 15.5A	\$100.
NJE-HS-20-15.5-515	216-264v.	"	\$100.

DRESSER-BARNES WITH REMOTE SENSING,

26859	210-250v.	20V 3A	New \$60.
26858	210-250v.	20V 9A	New \$100.
27091	208, 220, 240v.	THREE PHASE,	

UNREGULATED, 10V 6A AND 50V 3A New \$50.

ELECTROSTATICS MODEL 50; INPUT: 103-127 V.

50-400 HZ.	OUTPUT: 18-22 VDC @ 2 AMPS.	
LESS COVER.	6x5x4	WT: 10 LBS. New \$35.

SWEEP GENERATOR



AN/TRM-3 SWEEP GENERATOR PROVIDES CW, AM, OR FM SIGNALS HAVING BAND WIDTHS FROM 600 KHZ TO 160 MHZ AT CENTER FREQUENCIES IN THE RANGE 15 TO 400 MHZ. USED TO TEST, CALIBRATE AND ALIGN RF TUNED CIRCUITS. RF OUTPUT

0.1 μ VOLT TO .1 VOLT INTO 50 OHMS. FREQ. MARKER SPACINGS 0.2, 1.5, 20MHZ, FM SWEEP DEVIATION -2% TO -20% OF CENTER FREQUENCY, STEP TYPE VERTICAL ATTENUATOR 0 TO 60 DB IN SEVEN RANGES. POWER REQUIRED 103 TO 126 VOLTS 50-1000 HZ. SIZE 17x17x13 SHPG WT: 120 LBS USED REPARABLE \$300.00 USED CHECKED \$375.00

ACCESSORIES FOR AN/TRM-3
DA-138 50 OHM DUMMY LOAD \$7.50
MX-1983 91 OHM TO 50 OHM IMPEDANCE MATCHING NETWORK \$7.50
MX-1981 DETECTOR PROBE \$10.00
MX-1982 DC BLOCKING TEST ADAPTER \$5.00
CN-374 10DB 50 OHM ATTENUATOR \$7.50
CU-506 RF COUPLER DETECTOR \$10.00

LINEARITY CALIBRATOR



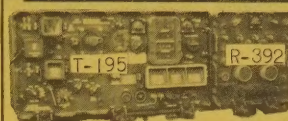
LCU-705 LINEARITY CALIBRATOR 2 RANGE PULSE GENERATOR 10-250 PPS AND 20-500 PPS IN 20 PPS STEPS. PULSE WIDTH IS SELECTABLE, LONG OR SHORT. VARIABLE OUTPUT LEVEL. OVEN STABILIZED OSCILLATOR; 0.1 MFD, 1/10% CAPACITOR; 5/2N 404 TRANSISTORS. IN ALUMINUM CASE W/ COVER NO POWER CORD; POWER REQUIRED 115V 60-400HZ SIZE 9x7x9 SHPG WT: 25 LBS. PRICE USED EXCELLENT CONDITION \$65.00

TUBE TESTER



TV-10 TUBE TESTER USED TO TEST AND MEASURE THE PERFORMANCE CAPABILITIES AND TO DETERMINE REJUNCTION LIMITS FOR ELECTRON TUBES USED IN RECEIVERS LOW POWER TRANSMITTERS AND MANY OTHER TYPES OF ELECTRONIC EQUIPMENT. THE TESTS MADE ARE FOR DYNAMIC MUTUAL CONDUCTANCE, EMISSION, SHORTS, GAS, NOISE. ROLL CHART PROVIDES TEST SET UP DATA. HAS TEST SOCKETS FOR LOCTAL, OCTAL, 4,5,6,7 PIN, NORVAL 9,7 PIN MINATURE, SUB-MINI, RD AND FLAT AND ACORN. POWER REQUIRED 115V 50-1000 HZ SIZE 18x10x7 SHPG WT 30 LBS USED REPARABLE \$40.00 USED CHECKED \$50.00 USES SAME ADAPTERS AS TV-7

RECEIVER-TRANSMITTER



AN/GRC-19 RECEIVER-TRANSMITTER SET: WITH THE R-392 RECEIVER AND THE T-195 TRANSMITTER DESCRIBED BELOW. HOWEVER, A COMPLETE SET PRICE FOR THE R-392, T-195, MX-851 BASE, CX-1599 CABLE, BATTERY CABLE IS AVAILABLE. PRICE: USED, COMPLETE-REPARABLE \$200.

R-392/URR RADIO RECEIVER, 500 KHZ TO 32 MHZ IN THIRTY-TWO BANDS OF 1 MHZ EACH, EXCEPT 500 KHZ TO 1 MHZ IS $\frac{1}{2}$ MHZ. TYPE SIGNAL RECEIVED: CW, MCW, VOICE AND FSK. TRIPLE CONVERSION ON LOWER EIGHT BANDS, DOUBLE ON ALL OTHERS. CONTINUOUS TUNING READ DIRECTLY ON COUNTER TYPE INDICATOR. BUILT-IN CRYSTAL CALIBRATOR, 100 KHZ POINTS. WITH 25 TUBES OF 12AU7, 26A6, 26A7, 26C6, & 26D6. POWER REQUIRED FOR OPERATION: 24/28 VDC @ 3 AMPS. HIGH PERFORMANCE, RUGGED DESIGN. PORTABLE. SIZE: 11x14x11 WT: 52 LBS. SHPG. WT: 70. PRICE: USED, REPARABLE \$125; CHECKED \$195.00 POWER INPUT PLUG \$4.00 w/PURCHASE OF SET ONLY

T-195/GRC-19 TRANSMITTER, 1.5 TO 20 MHZ IN TEN BANDS. FREQUENCY STABILITY 0.03% PLUS 1000 HZ. MANUAL OR AUTOMATIC TUNING. TRANSMITS CW, VOICE, OR FSK. POWER OUTPUT WITH 50 OHM ANTENNA: 100 WATTS @ 1.5 TO 12 MHZ; 90 WATTS @ 12 TO 16 MHZ; 80 WATTS @ 16 TO 20 MHZ. AUDIO INPUTS MICROPHONE OR 600 OHM LINE METERS FOR PA CATHODE CURRENT, PA GRID CURRENT, BATTERY VOLTAGE AND MODULATION LEVEL. WITH 22 TUBES INCLUDING TWO 4X150D's. POWER REQUIRED: 22-30 VDC @ 42 AMPS MAX. 9 AMPS STANDBY. SIZE: 11x14x22; WT: 122 LBS. SHPG. WT: 150 LBS. PRICE: USED, COMPLETE-REPARABLE \$89.50

MT-651 MOUNTING BASE FOR R-392 AND T-195, SHPG. WT: 60 LBS. USED, \$10.00
CX-1599 CABLE, CONNECTS R-392 AND T-195 TEN INCH LENGTH, USED, \$8.95
BATTERY CABLE FOR T-195 w/PLUG, \$4.95
MANUAL FOR AN/GRC-19 SET, \$8.50
MAINTENANCE MANUAL FOR T-195, \$7.50

MOVIE CAMERA



KB9-A 16 MM MOVIE CAMERA USED TO RECORD STRIKES BY THE MILITARY. HAS 35 MM, F3.5 KODAK EKTAR LENS; VARIABLE APERTURE FROM F3.5 TO F16. FILM SPEED: 32 FRAMES PER SECOND. FILM CAPACITY: 35 FT 16 MM FILM. CAN BE ACUTATED BY REMOTE CONTROL. POWER REQUIRED: 27 VDC FOR DRIVE MOTOR AND HEATER. RED AND YELLOW FILTERS INCLD. SIZE: 7x2x2 $\frac{1}{2}$ SHPG. WT: 5 LBS. PRICE: NEW \$24.95

Fair Radio Sales Co.

1016 E. EUREKA ST.

P. O. BOX 1105

Lima, Ohio 45802

PHONE: 419 / 223-2196



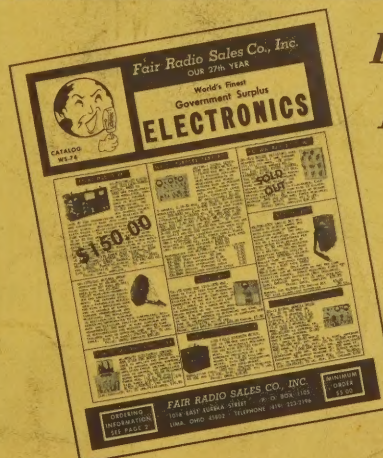
GOD IS JUST
A PRAYER AWAY



RETURN POSTAGE
GUARANTEED

Bulk Rate
U. S. POSTAGE
PAID
Lima, Ohio
Permit No. 74

SUPPLEMENT To CATALOG No. 74



IF YOU DO
NOT HAVE
CATALOG
NO. 74
SEND
FOR IT
TODAY!

DC VOLTMETERS

0-1 VDC SCALE 2 1/2" RUGGEDIZE FS-IV. NEW # 0887 \$5.95

0-10 VDC SC. 1 1/2" SQ. RUGGED FS-50 MV. NEW #0768 \$4.95

0-10 VDC SC. 2 1/2" RD. RUGGED NEW #2979 \$5.95

0-5-10-20 VDC SC. 2 1/2" PLAIN 500 U A FS. NEW #0250 \$4.95

0-10 VDC SC. 3" SQ. PLAIN 8.65 MA FS. NEW #9527 \$6.95

0-30 VDC. AIRCRAFT TYPE, 2" SQ. AN3203/4782 NEW \$15.00

0-30 VDC SC. 3 1/2" RD. RUGGED #3097 NEW \$8.95

0-80 VDC SC. 3 1/2" RD. PLAIN 1000 OHM P/V #8142 N \$6.95

0-100 VDC SC. 2 1/2" RD. RUGGED #9545 NEW \$5.95

0-200 VDC SC. 2 1/2" RD. RUGGED #4197 NEW \$5.95

0-200 VDC SC. 3" RD. PLAIN 250 OHM P/V WESTON 301 \$7

0-300 VDC SC. 3" RD. PLAIN 1000 P/V WESTON 301 U \$7

0-2 KVDC SC. 2 1/2" SQ. PLAIN 1000 P/V #9743 NEW \$6.95

0-4 KVDC SC. 3" RD. PLAIN 1 MA FS. WESTON 301 U \$7

0-5 KVDC SC. 3" RD. RUGGED 1 MA FS. #5733 NEW \$7.95

0-8 KVDC SC. 3" RD. RUGGED 1 MA FS. #9415 NEW \$7.95

0-20 KVDC SC. 4x4 1/2" PLAIN 1000 P/V WESTON #9085 \$12

0-8 KVDC SC. 4 1/2" RD. RUGGED 1 MA FS. #3239 \$12

0-750 VDC SC. 4x4 1/2" GREY SWBD TYPE 1000 OHMS PER V. WESTON 610 #1505 NEW \$25.

AC VOLTMETERS

0-3 VAC 3" RD. SUB-PANEL MT 1000 P/V 2F8003-11 NEW \$7.95

0-7.5 VAC 3" RD. NOT-RUGGED WEST #CAY22237 N \$6.95

0-10 VAC 2 1/2" SQ. ST. TYPE. ROUND WESTON 517 N. \$5.95 SQUARE " " N. \$5.95

0-15 VAC 3" SQ. ST. TYPE. WESTON 476 N. \$7.95

0-20 VAC 2 1/2" RD. RUGGEDIZED #756-1866 N. \$6.95

0-50 VAC 3 1/2" RD. ST. TYPE WESTON 476R UN. \$7.95

0-50 & 0-300 VAC SC. ST. TY 2 1/2" SQ. #6783 N. \$6.95

0-150 VAC SC. 3 1/2" RD. RUGGEDIZED #4071 N. \$10.95

0-200 VAC SC. 3 1/2" RD. RUGGED 1000 P/V #0747 NEW \$9.95

0-750 VAC SC. 2" SQ. STD. T FS-30 VAC #088-0476 N. \$5.95



TRIO ELECTRONIC A.C. VOLTMETER MODEL 142-1608 3 1/2" RD. 4 1/2" DEEP #6625-984-2613 NEW \$50.00

DC MILLIAMMETERS

0-1 DCMA SC. 1 1/2" SQ. MR13U001DCMA N. \$4.95

0-1 DCMA SC. 1 1/2" RD. SINLE HOLE MTG. INTERNAT. #100V NEW \$4.95

0-1 DCMA SC. 2 1/2" RD. RUGGED #4079 NEW \$6.95

0-1 DCMA SC. 3 1/2" RD. RUGGED #3228 NEW \$8.95

0-1 DCMA SC. 2 1/2" SQ. #0659 NEW \$6.95

0-1.5 DCMA SC. 3 1/2" RD. STD. MR34W1R5DCMA USED \$6.95

0-2 DCMA SC. 2 1/2" RD. STD. MR26W002DCMA NEW \$6.95

0-2 DCMA SC. 3 1/2" RD. RUGGED #4078 NEW \$8.95

0-3 DCMA SC. 3 1/2" RD. RUGGED #4081 NEW \$8.95

0-10 DCMA SC. 1 1/2" RD. SINGLE HOLE/MTG. FS=1MA #7693 \$3.95 N

0-10 DCMA SC. 3" SQ. STAND. FS=10 MA. #7527 NEW \$8.95

0-10 DCMA SC. 1 1/2" SQ. WHITE FACE FS=1 MA #3538 N \$4.95

0-15 & 0-50 DCMA SC. 3 1/2" RD. RUGGED, FS=50 U A, MARKED VOLTS/MA #7484 NEW \$8.95

50-0-50 DC GALVANOMETER SC ES=500-0-500 MICRS, 2 1/2" SQ. SIMPSON 3690 #9029 N. \$8.75

0-100 DCMA SC. 3 1/2" SQ. STD. #7474 NEW \$6.95

0-100 DCMA SC. 2 1/2" RD. STD. 1.2 MA FS 3F910-7 NEW \$3.95

0-150 DCMA SC. 3 1/2" RD. STD. CAY22061 USED \$5.95

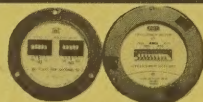
0-150 DCMA SC. 3 1/2" RD. STD. #3088 NEW \$7.95

0-150 DCMA SC. 3 1/2" RD. RUGGED #5878 NEW \$8.95

0-200 SC. MARKED PLATE, GRID BATT. BLK. FACE, FS=IMADC, 2 1/2" RD. ART-13/M-102 U \$4.95

0-200 DCMA 2 1/2" RD. BLK. FACE FS=200MA. TCS458N0710 U \$4.95

FREQ. METERS



48 TO 52 & 58 TO 62 CYCLES PER SECOND, 3" RD. JBT 30F OR EQUAL. 100 TO 130 VOLTS #5679 NEW \$19.95

380 TO 420 CYCLES PER SEC. 3 1/2" RD. 100-130 V. JBT 33-FHXX-SERA #5877 NEW \$24.95

380 TO 420 CYCLES PER SEC. 2 1/2" RD. 100-150 V. FRAHM #2896 #3702 NEW \$22.95

380 TO 420 CYCLES PER SEC. NOT REED TYPE, FS=100 U A INT. 3 1/2" RD. #6076 N \$24.95

58 TO 62 CYCLES PER SEC. 9 REEDS, 3" SQ. 100-150 V. FRAHM4964-2 #3903 NEW \$24.95

DC AMMETERS

0-2 DCA SC. 3" SQ. STAND. WESTON 731 #1750 NEW \$8.95

0-300 DCA SC. 4 1/2" RD. RUGGED FS=50 MV #8795 NEW \$14.95

0-1500 DCA SC. 3 1/2" RD. STAND FS=50 MV #3376 NEW \$7.95

15-0-15 DCA SC. 3 1/2x3 1/2" SQ. STAND. FS=30 A. #8731 U \$5.

25-0-25 DCA SC. 3 1/2" RD. STAND #5988 NEW \$7.95

50-0-50 DCA SC. 3 1/2" RD. RUGGED 100 U A =FS #2182 NEW \$8.95

AC AMMETERS

0-1 ACA SC. 2 1/2" RD. ST. TY WESTON 517 U. \$4.95

0-2 ACA SC. SPECIFY SIZE. WESTON 476 3" SQUARE U \$6.95

0-2 ACA SC. SPECIFY TYPE WESTON 476 3" SQ. U \$6.95 " " 3 1/2" RD. U \$6.95

0-5 ACA SC. 2 1/2" RD. STD. WESTON 1524 #4084 N. \$5.95

0-20 ACA SC. 2 1/2" RD. STD. TRIPOLET 3211/34-35 U \$4.95

0-150 ACA SC. 3 1/2" RD. STD. TRANS. REQ. #3974 N. \$6.95

0-200 ACA SC. 3 1/2" RD. STD. FS=5 A. #9710 N. \$7.95

0-125 ACA SC. 60 CPS. FS=5A

0-150 ACA SC. 50 CPS. FS=5A 3 1/2" RD. RUGGED. #9105 N. \$9.95

0-25 AC MA SC. 3 1/2" RD. STD. TRIPOLET 331S U \$8.95

0-50 AC MA, SC. 3 1/2" RD. STD WESTON 476 U \$9.95

0-250 & 0-500 ACA SC. 3 1/2" R FS=5 A. #4047 N. \$7.95

RF AMMETERS

0-2 R.F. 2 1/2" RD. WH. FACE ST CG-22020 NEW \$7.95

0-3 R.F. 2 1/2" RD. STD. BL. FA #TCS-457N114 USED \$5.95

0-5 R.F. 2 1/2" RD. STD. BL. FA #ART-13/M-101 USED \$5.95

0-5 R.F. 3 1/2" RD. STD. WHITE #MR35W005RFAA USED \$7.95

0-15 R.F. 3 1/2" RD. STD WHITE MR35W015RFAA USED \$9.95

MULTIMETERS



PIC. #1 SCALES: OHMS 0-INF. DCV 0-15, ACV 0-50, PP 0-40

0-150 DB-10-0-5+ FS=200 U HEATH VTVM #407-62 N \$18

PIC #2 SCALE #1 5MA TO 0 #2

0-150 FS=750 U A 4x4 1/2" SC# 202130-139 FSN0562 N \$15

PIC #3 SCALES OHMS 0-1000, VDC 0-3/0-10, VAC 0-30/0-10 4 1/2"x4 1/2" #0752 NEW \$15

I-176 TEST UNIT METER FOR MULTIMETER #8347 NEW \$15.

METERS

WE PROBABLY HAVE THE LARGEST STOCK OF SURPLUS PANEL METERS IN THE COUNTRY. IF YOU DON'T SEE WHAT YOU WANT LISTED, WRITE DESCRIBING YOUR REQUIREMENTS. IF YOU DESIRE A REPLACEMENT METER, PLEASE INDICATE ALSO THE PIECE OF EQUIPMENT IN WHICH THE METER IS TO BE USED. WE JUST MIGHT HAVE WHAT YOU NEED.



METER WITH DUAL 0-3 x100A SCALE FOR USE WITH 50 MV SHUNT; 2" RD. 4 1/2" DEEP. SINGLE HOLE MTG. VOLTRON MODEL 12A933A; #6976 PRICE: NEW \$35.00

METER WITH 0-10 "FAULT/OK/FAULT" ON SCALE A; SCALE B "OK/FAULT/CAL." FS=50 MA-DC. 1 1/2" SQ. #7392 NEW \$5.00

METER, FIRST SCALE HAS 16 DIV., SECOND READS "LO/HI", THIRD "INPUT V." FS=50 MA-DC; 1 1/2" SQ. #1076 NEW \$5.

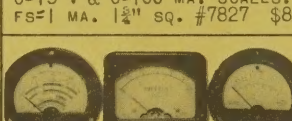
0-10 DCMA SCALE, 1 1/2" SQ. FS=1 MA. SEALED. #3538 PRICE: NEW \$5.00

0-100 DCV 1 1/2" SQ. #2345 \$8

0-100 SCALE FS=200 MADC 1 1/2" SQ. #9400 \$8

100-0-100 DCA 50-0-50 MV SH REQ. 1 1/2" SQ. #2347 \$8

0-15 V & 0-100 MA. SCALES. FS=1 MA. 1 1/2" SQ. #7827 \$8

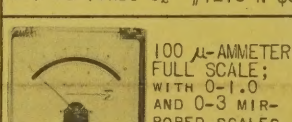


RDR FREQ. CHZ SCALES #1 8-10 #2-2 TO -4 #3-3 TO -1 #4 NO #, FS=25 TO 125 UA 3 1/2" RD. RUGGED. WAELINEN30759 N \$8.

0-150 ADC 3 1/2x3 1/2" FS=50 MV. HOYT 607 #8397 NEW \$9.95

KILOHMS SCALE 10- TO .1 & 0-1 FS=IMADC 3 1/2" #1213 N \$8

100 U-AMMETER FULL SCALE; WITH 0-1.0 AND 0-3 MIRROR SCALES. 4 1/2x4 1/2" SIMPSON #6963-2. NEW \$9.95



WESTON PORTABLE A.C. AMMETER, 0-5 & 0-15 MIRROR SCALE; 25 TO 500 HZ MODEL 433. #6625-187-1785, RE-NEW \$45.00



DB METER -12 TO +8, 100U A FS. 3 1/2" RD. BLK. FACE RUGG WAC MODEL AED #4586 N \$8.95

DB METER -20 TO +6 FS=192 U A 3 1/2" RD. CLEAR PLASTIC CASE, TRIP321L #5367 N \$8.95

DB METER -30 TO +70 FS=50 U A 2 1/2" RD. STD #4680 N \$6.

DB METER -20 TO +3 FS=199 U A 2 1/2" RD #GA50934 U \$3.95

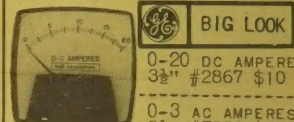
Wide-Vue

0-100 DC AMPS 4 1/2x4 1/2 6317 \$15

100-0-100 DCA 3 1/2" SQ #6775 \$10

0-50 & 0-150 DCMA SCALE 3 1/2" SQ. #5902 \$10.00

0-50 DCMA 3 1/2" SQ. #1080 \$10



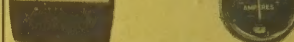
0-20 DC AMPERE 3 1/2" #2867 \$10

0-3 AC AMPERES 3 1/2" #7832 \$15

0-500 AC AMPS 3 1/2" #6775 \$15

50-0-50 DC-MA 3 1/2" #4739 \$15

0-6 DC AMPS 2 1/2" #8678 \$10

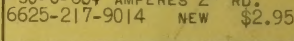


0-5 DCA 2 1/2x2 1/2" NEW-DESIGN #2403 PIC. #1 NEW \$12.95

AUTOMOTIVE TYPE PIC. #3

-15-0-15 2" RD. AMPERES #6625-542-0693 NEW \$2.95

-30-0-30 AMPERES 2" RD. 6625-217-9014 NEW \$2.95



0-30 VDC PANEL METER; MOUNTS INTO 2 1/2" HOLE. OVERALL: 4 1/2x4. API 428-2837 R1 #6304 NEW \$16.95

WIRE

#18 16/30 VINYL CVRD. HOOK-UP WIRE, \$2.25 PER 100 FT. \$16.00 PER 1000 FT.

#20 10/30 VINYL CVRD. HOOK-UP WIRE, \$1.75 PER 100 FT. \$11.00 PER 1000 FT.

ONE PAIR TWISTED #24 7/32 VINYL CVRD. BELL WIRE \$2.00/100 FT. \$15.00/1000 FT.

AIRCRAFT TYPE WIRE, NYLON BRAID COVERING 600 VAC 200°

#22 STRANDED SILVER COATED WIRE & SHLD. \$4.50/100 FT. \$35.00/1000 FT.

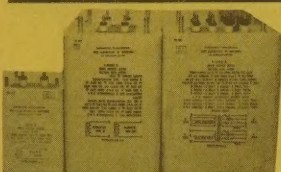
2/22 STRANDED SILVER COATED WIRE & SHLD. \$6.00/100 FT. \$50.00/1000 FT.

TINNED COPPER FLAT BRAID, 3/8" WIDTH \$10/FT. 3/8" WTH. \$2.00/FT. 3/4" LENGTH, \$.50

TINNED COPPER TUBULAR-BRAID, SPIRAL STEEL CENTER, 5/8" DIA. \$.30/FT. 9 FOOT LENGTH \$2.00

5/8" DIA. \$.50 PER FOOT.

TRANSFORMERS & CHOKES



TRANSFORMER
PRI: 115/230 v. 50/60 CYC.
SEC: #1 54.4 VCT 2.5 AMP
#2 37.5 " 7.85 "
SIZE: 4x6x3x3; WT: 22 LBS.
SCHOTT#3309/TF4RX020A \$9.95

CHOKE=INDUCTORS
30 MH 3 AMPS. 0.18 OHMS. &
5 MH 10 AMPS. 0.075 "
SIZE: 5x6x4x4; WT: 22 LBS.
SCHOTT#33310/TF4RX040A \$8.

5 MH 3 AMPS. 0.125 OHMS
SIZE: 3x4x2x2; WT: 5 LBS.
SCHOTT#33625/TF4RX040A \$5

IGNITION TRANSFORMER
GE# 9T62Y4054
PRI: 120V 60HZ
SEC: 5000 V.
20 MA. CASE GND
SIZE: 5x4x3x3; WT: 13 LBS.
#5950-529-6870 \$9.95

PRI: 115 v. 60 HZ. 250 VA.
SEC: 10,000 v. 23 MA. CASE
GROUND.
SIZE: 8x5x5; WT: 18 LBS.
GE# 5669 \$14.95

PRI: 115 v. 60 HZ
SEC: 56 VAC CT. &
10 v. TAP. 6 AMPS
SIZE: 3x3x3x3
WT: 9 LBS.
#R-4061 606-3-05 NEW \$5.95

PRI: 115 v. 60 HZ
SEC: 24 VAC 50 VA.
SIZE: 3x2x2x2, 4 LBS
#BE 8445 \$2.95

PRI: 117/120/122
VAC 60 HZ.
SEC: 6.3 VCT. 1.5
AMP; 6.3 VCT. @
12.5 AMPS
SIZE: 4x3x5
WT: 9 LBS. #5950-
646-1223 \$4.95

POWER TRANSFORMER, 115 v. 60 HZ. SEC: 110 VAC
@ 100 MA; 50 VCT. @ .5 A; 25 VCT @ .15 AMPS;
14 VCT @ 2.5 A. 4x3x3x3, 10 LBS. NEW, \$5.95

SILICON DIODES

SILICON DIODES ON MOUNTING PLATES AND HEAT SINKS; PARTS REMOVED FROM EQUIPMENT. ALL DIODES GUARANTEED OPERABLE. DIODE TYPES AVAILABLE: IN3208, -R (15 AMP 50 PRV); IN3209, -R (15A 100 PRV); IN3212, -R (15A 400V)

#BEK6, w/2 EA IN3212 AND 2/IN3212R; ON 4x3x3 MOUNTING PLATE. #BEK6, \$2.50
#2C8R, w/4 EA IN3208 AND 4/IN3208R; ON TWO TIERED STACK, 4x4x2x2. #2C8R, \$2.75
#3C12R, w/4 EA IN3208 AND 4/IN3208R; 2 EA IN3209 AND 2/IN3209R; ON THREE TIERED STACK, 4x4x3x3. #3C12R, \$4.25
#1C1T, WITH 2N1557, 90 WATT, 40 V. 15 AMP POWER TRANSISTOR; ON 3x4x2 HEAT SINK, 7/8" HIGH COOLING RIBS. #1C1T, \$1.50
#BAJ6, w/4 EA IN3212, ON 4x6x7/8 HEAT SINK. #BAJ6, \$3.00
#BAJ8, w/2 EA IN3212 AND 2/2N686 (25A 250 PRV); ON 4x6x7/8" HEAT SINK #BAJ8, \$3.50
#D1190, w/4 EA IN3208, 1/IN3208R, 1/IN3209, 1/IN3212, PLUS 10 RES. 4 CAP., AND TWO POTENTIOMETERS ON 6x8x2 PHENOLIC BOARD, #D1190, \$3.00

CRYSTAL CALIBRATOR

CRYSTAL CALIBRATOR WITH THREE SEPARATE OSCILLATORS AT 10 KHZ, 100 KHZ. AND 1000 KHZ. WORKS FROM 1 TO 30 MHZ ON 1000 KHZ OSCILLATOR; 100 KHZ TO 10.5 MHZ ON 100 KHZ; AND FROM 10 KHZ TO 10 MHZ ON 10 KHZ. ORIGINALLY DESIGNED FOR USE WITH NO. 19 MK 111 RECEIVER-TRANSMITTER. WITH CRYSTAL SELECTOR, CABLE, AND PLUG. POWER REQUIRED: 12 VDC @ 0.5 A. & 265 V. @ 2.5 MA. SIZE: 2x9x4x4; WT: 7 LBS. USED, \$12.95



AMPLIFIER CONVERTER

AM-1955/GRC AMPLIFIER CONVERTER COVERS FREQ RANGE 600 TO 1000 MHZ. IF SEEMS TO BE ABOUT 20 MHZ. A 115V 60HZ MOTOR IS PART OF AFC SYSTEM. POWER REQUIRED 150 VDC AND 6.3 VAC. TUBES 2C40A, 2/5842, 5654, 1N21B, 1N21WE, SIZE 15x9x8 SHPG WT: 30 LBS. USED EXCELLENT CONDITION \$75.00



MICROWAVE RECEIVER

BUDELMAN 142BW MICRO-WAVE RECEIVER 2 CHANNEL RECEIVER 840-940 MHZ CRYSTAL CONTROLLED. WITH CRYSTAL OVEN LESS CRYSTAL (NOT AVAILABLE), MICROAMMETER MONITORS CONVERTER, MIXER, FIELD STRENGTH, 1ST LIMITER, 2ND LIMITER AND DISCRIMINATOR CURRENT. TYPE N ANTENNA CONNECTOR IN82, 5876, 3/6AK5, 7/6AU6, 6AL5, 3/42AU7, 2/12AT7, 2/6AF4 POWER REQUIRED 115V 60HZ SIZE RACK MOUNTING 19x7x10x1/2 SHPG WT: 40 LBS PRICE USED EXCELLENT CONDITION \$100.00



AUDIO AMPLIFIER

AM-864/U AUDIO FREQUENCY AMPLIFIER IS A PEAK-LIMITING UNIT FOR AM AND FM BROADCAST OPERATIONS. MAY ALSO BE USED IN RECORDING AND SOUND SYSTEMS REQUIRING AUTOMATIC REGULATION OF PROGRAM LEVEL. INPUT AND OUTPUT IMPEDANCE BOTH 600 OHMS CT. GAIN: 36 DB (MAX.). POWER OUTPUT: 6 MW INTO 600 OHMS. DISTORTION: LESS THAN 2% @ 400, 1000 & 5000 HZ. SPEED OF AUTOMATIC GAIN REDUCTION: 0.05 SECONDS; RECOVERY TIME: 2 SEC. NOISE LEVEL: 40 DB BELOW 6 MW. FREQ. RESPONSE: FLAT WITH IN 1 DB FROM 100 TO 5000 HZ. WITH TUBES 2/6SK7, 6507, 65N7, 5Y3. RACKMOUNT. POWER REQUIRED: 115/220 VAC 50-60 HZ. SIZE: 7x8x19; WT: 30 LBS. PRICE: RE-COND. \$24.95



RF AMPLIFIER SECTIONS

RF SECTION FROM R-48/TRC-8 RECEIVER. HAS TWO SILVER-PLATED COAXIAL INDUCTORS 230-250 MHZ & ONE 200-220 MHZ. TUNED BY THREE GANG 3-12 MMF VAR. CAPACITOR. RF AMP, MIXER, AND OSCILLATOR STAGES REQUIRING TWO 6AG5 AND A 9002 TUBES. USED IN CONJUNCTION WITH 30 MHZ IF STRIP. LESS TUBES. SIZE: 6x5x4; 5 LBS. USED, \$9.95



RF AMPLIFIER FROM BC-624/SCR-522 RECEIVER. DESIGNED FOR 100-156 MHZ. WITH 3-GANG 6-36 MMF VAR. CAP. AND 2-GANG 6.5 TO 36 MMF VAR. CAP. WITH FIVE INDUCTOR COILS AND SOCKETS FOR 3/9003 AND 1/9002 TUBES. LESS TUBES. SIZE: 5x5x5; WT: 5 LBS. PRICE: UNUSED-BOXED \$8.95

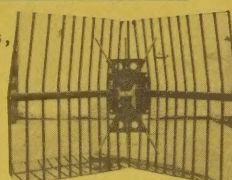


RF AMPLIFIER FROM R-19/R-508 ARC-TYPE RECEIVERS. 118-148 MHZ. WITH FOUR-GANG VARIABLE CAPACITOR; SLUG-TUNED. USES 9002 AND 3/9003 TUBES. LESS TUBES. SIZE: 4x3x3x3, 3 LBS. PRICE: UNUSED, \$7.95



DIPOLE ANTENNA

AT-880 DIPOLE ANTENNA WITH CORNER REFLECTORS, FREQUENCY APPROX. 200 TO 300 MHZ. DIPOLE HAS ADJUSTABLE ELEMENTS WHICH EXTEND SPREAD FROM 12" L X 7" W TO 21" L X 15" W. DIPOLE STANDS 14" OFF MTG. BASE. TWO REFLECTORS ARE AT 45° ANGLE TO DIPOLE, 32" HIGH AND 40" ACROSS. FOLDS TO 32x7x30. MOUNTS ONTO 2" DIA. MAST. ALUMINUM. SHPG. WT: 35 LBS. PRICE: UNUSED, \$25.00



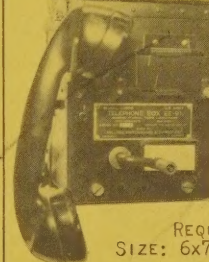
MATCHING NETWORK

AN/GRA-93 ANTENNA GROUP WITH CU-1696 IMPEDANCE MATCHING NETWORK USED FROM 2.0 TO 30 MHZ. CU-1696 HAS THREE VARIABLE CAPACITORS FOR ITS TUNING AND TWO PRESET CIRCUITS. BANDSWITCH POSITIONS ARE PROVIDED ON CASE. SIZE: 5x7x7. GRA-93 GROUP ALSO INCLUDES 30" TWELVE SECTION MAST (TAPER 1 1/2" TO 1") WITH INSULATOR SECTION. PLUS THE FOLLOWING: 2 REELS OF TWO 60' LENGTHS COPPER ANTENNA WIRE; 1 REEL OF TWO 60' LENGTHS COPPER LEAD-IN WIRE; 328' NYLON GUY WIRE (4 EA 38' & 29' AND ONE 60' LENGTHS); TWO MAST BASES; AND OTHER ACCESSORIES. NYLON TOTE BAG FOR THE ENTIRE SET. SHPG. WT: 17 LBS. PRICE: UNUSED \$27.95



CU-1696

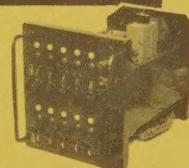
TELEPHONE BOX



EE-91 TELEPHONE BOX WITH PLUG-IN HANDSET. HAS CRANK GENERATOR FOR RINGING MAGNETO LINES; 3000 OHM LINE RESISTANCE TALKING CIRCUIT HAS 30 DB NET LOSS. DESIGNED FOR WALL MOUNT WITH MTG. FLANGES PROVIDED. REQUIRES 3 VDC FOR OPERATION. SIZE: 6x7x5 WT: 16 LBS. NEW \$19.95

OPERATOR'S CIRCUIT

TA-277/GTA-6 OPERATOR'S TELEPHONE CIRCUIT FOR UP TO TEN LINES. EACH LINE HAS SWITCH WITH "TALK" AND "RING" POSITION. ALSO WHITE AND RED INDICATOR LIGHTS FOR EACH LINE. TWO INPUT JACKS. SIZE: 7x8x12 WT: 15 LBS. PRICE: RECONDITIONED, \$14.95



DYNAMIC SPEAKER FROM R-48/TRC-8; 3 1/2" DIA. CONE; PM; ONE WATT NORMAL, 2 WATTS PEAK. 4-OHM IMPED. OVERALL SIZE: 4x4x2 1/2; WT: 3 LBS. PRICE: \$5.95



TAPE, TELETYPEWRITER

TELETYPE PERFORATOR TAPE, 11/16" WIDE 900 FT. OILED ROLLS. \$.60 PER ROLL; 10 ROLLS \$5.00

SOLID-STATE POWER

SOLID STATE POWER SUPPLY; REGULATED OUTPUT: 22 v. 8 AMPS. AND AN UNREGULATED 24 v. 2 AMP OUTPUT. POWER INPUT: 115/230 VAC 45-65 HZ. SIZE: 17x5x9 1/2; WT: 40 LBS. MILEX #321-1007G, UNUSED \$75.00



WANLESS 1-OEM 10 POWER SUPPLY; OUTPUT: 24 v. @ 2.5 AMPS. REGULATED; AUTOMATIC FOLDBACK CURRENT LIMITING. FLOATING + AND - OUTPUTS. AC INPUT; SOLID-STATE. SIZE: 5x5x6; WT: 10 LBS. NEW, \$45.00

LOOK! LOOK! LOOK!

TEST EQUIPMENT, ALL UNITS ARE SOLD AS "USED, CHECKED FOR OPERATION, NOT LAB CALIBRATED." QUANTITIES ARE LIMITED. MANY OTHER TEST INSTRUMENTS IN STOCK. WRITE US YOUR NEEDS.

BALLENTINE MODEL 300 VTVM; 1 MV TO 100 VOLTS IN 5 RANGES. 10 HZ-150 KHZ. \$34.95
BECKMAN-BERKLEY 7360 UNIVERSAL EPUT & TIMER, DC-1 MHZ; 1 U-SEC TO 10 SEC TIME BASE \$75.00
BOONTON 207-E UNIVERTER, ADDS 100 KHZ TO 50 MHZ RANGE TO BOONTON 202E SIG. GEN. \$65.00
DAVEN OP-961 POWER OUTPUT METER, 0.1 MW TO 50 WATTS, 2.5 TO 20 K Ω IN 40 STEPS. \$65.00
JOHN FLUKE 407 POWER SUPPLY; REGULATED 0.01%, 0-555 VDC @ 0-300 MA. \$125.00
JOHN FLUKE 801 DC DIFFERENTIAL VOLTMEETER; 50 U-VOLT RESOLUTION TO 500 VDC. \$85.00
HEWLETT-PACKARD 4000 AC VTVM, 10 HZ TO 4 MHZ, .0001 TO 300 V. 10 MEG-OHM INPUT. \$75.00
H-P 430C MICROWAVE POWER OUTPUT METER, 10 MHZ TO 40 GHZ WHEN USED WITH APPROPRIATE MOUNTS; 0.01 TO 10 MW IN FIVE RANGES. \$50.00
H-P 524C FREQUENCY COUNTER, 8-DIGIT READOUT, DC TO 10 MHZ; PLUG-INS MAY EXTEND RANGE UP TO 500 MHZ. PLUG-INS LISTED BELOW. \$225.00
H-P 525A 10-100 MHZ PLUG-IN, \$60.00
H-P 525B 100-200 MHZ PLUG-IN, \$65.00
H-P 525C 100-500 MHZ PLUG-IN, \$125.00
NOTE: PLUG-INS SOLD ONLY WITH COUNTER.
H-P 570A DIGITAL CLOCK WITH H-P 560A RECORDER 11-DIGIT INFO @ 5 LINES PER SECOND. \$325.00
H-P 608-B SIGNAL GENERATOR, 10-400 MHZ. \$250.
JERROLD 602 SWEEP FREQUENCY GENERATOR, 4 TO 112 MHZ, 50 OHMS. \$65.00
LAVOIE LA-593 DUAL PULSE GENERATOR, \$75.00
MEASUREMENTS 65-B SIGNAL GENERATOR, 75 HZ TO 35 MHZ, 400 HZ & 1000 HZ INT. MOD., \$175.00
TEKTRONIX 524AD TELEVISION OSCILLOSCOPE, DC TO 10 MHZ, FLAT WITHIN 1% FROM 60 HZ TO 5 MHZ, 35 N-SEC RESETTIME. 5 MARKERS, \$350.00
TEKTRONIX TYPE W ROSETE PLUG-IN HIGH-GAIN DIFFERENTIAL, DC TO 23 MHZ, \$175.00

MILITARY TEST GEAR; USED, CHECKED, AC POWER.
TS-382 SIG. GENERATOR, 20HZ-200KHZ \$75.
SG-71 " " 50HZ-500KHZ \$85.
SG-12 " " 20-100 MHZ \$100.
TRM-1 " " 19-400MHZ FM \$300.
TS-497 " " 2-400 MHZ FM WRITE
TS-418 " " 400-1000 MHZ \$120.
TS-419 " " 900-2100 MHZ \$125.
LM-21 FREQ. METER, 125-20,000 KHZ \$54.50
TS-323 " " 20 TO 480 MHZ \$90.
URM-32 " " 125 KHZ-1000 MHZ \$150.
FR-4 " " 100 KHZ-20 MHZ \$85.
FR-5 " " 100 TO 100 MHZ \$85.
FR-6 " " 100 TO 500 MHZ \$85.
FR-38 FREQ. METER AND COUNTER, \$175.
(PLUG-INS TO 220 MHZ FOR FR-38 WRITE
TS-375 VOLTMEETER, WITH PROBES \$35.
TS-505 " " LESS RF PROBE, \$40.
TS-352 MULTIMETER, WITH TEST LEADS \$39.95
USM-50 OSCILLOSCOPE, AC TO 15 MHZ \$100.
TV-7 TUBE TESTER WITH DATA BOOK, \$34.95

CASES & CABINETS

TA-228/TCC-7 TRANSIT CASE;
ALUMINUM WITH HASP FASTENERS
AND RETRACTABLE HANDLES. IN-
TERIOR SIZE: 10 $\frac{1}{2}$ "x18 $\frac{1}{2}$ "x15".
WT: 18 LBS. PRICE: \$10.00

CY-853/PRC-6 CASE; PADDING AND SPACES
FOR 42 CRYSTALS 2 $\frac{1}{2}$ "x5 $\frac{1}{16}$ ". SNAP LATCH. CASE
SIZE: 6 $\frac{1}{2}$ "x6 $\frac{1}{2}$ "x1"; WT: 2 LBS. UNUSED, \$3.00

S-1347 CASE FOR SPARE PARTS.
STEEL CONSTRUCTION. INTERIOR
PARTITION: 5 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "; OVERALL:
6 $\frac{1}{2}$ "x8 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "; 4 LBS. \$1.50

CY-1456/USM-25 ACCESSORY CASE;
GREAT FOR CORDS, PROBES, ETC.
LID POCKET FOR HANDBOOK OR MAN-
UAL. ALUMINUM WITH HANDLE.
OVERALL SIZE: 15 $\frac{1}{2}$ "x10 $\frac{1}{2}$ "x3"; WT: 6 LBS. \$5.00

FGC-29 CABINET WITH REAR DOOR AND 115 V. 60
HZ BLOWER. SQUARE CORNERS SO THEY CAN BE
GANGED. 22 $\frac{1}{2}$ "x75 $\frac{1}{2}$ "x24"; 200 LBS. USED, \$40.00

CY-1693 CABINET WITH 3-PLUG AC OUTLET. STEEL,
REMOVABLE REAR PANEL. RACK SIZE: 14x19x14,
OVERALL: 16 $\frac{1}{2}$ "x22x14; 50 LBS. UNUSED, \$25.00

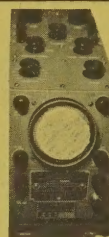
OS-57 OSCILLOSCOPE



OS-57/USM-38 OSCILLOSCOPE
WITH 3" CRT; GENERAL PURPOSE
UNIT FOR TESTING ELECTRONIC
EQUIPMENT. SINE WAVE FLAT
3 DB 10 HZ TO 6 MHZ; SQUARE
WAVE LESS THAN 10% TILT FROM
50 HZ POWER SOURCE. INPUT
IMPEDANCE: 1 MEGOHM PARALLEL
35 MMF. SWEEP TIME: 1 TO
100M μ -SEC/INCH, CONTINUOUSLY
ADJUSTABLE. TRIGGERED OR

PERIODIC SWEEP; TIMING MARKERS SYNCHED WITH
SWEEP AT 1, 10 AND 100 μ -SEC. TRIGGER PULSE
OUTPUT: 100 V. PEAK, 1.5 U-SEC PULSE WITH
RISE TIME OF 0.5 μ -SEC; REPETITION RATE CON-
TINUOUSLY VARIABLE FROM 40 TO 5000 PER SEC.
CALIBRATION: 0 TO 1 VOLT PEAK TO PEAK LINE
FREQUENCY FLAT-TOPPED WAVE. WITH TUBES: 3WP1,
6/12AT7, 2/12BY7, 7/6H6, 6X4, 5R4, 1Z2, 2/OA2,
5/5814, 2/5726, AND 5718. POWER REQUIRED:
115 VAC 50-400 HZ. SIZE: 9x13x16 WT: 36 LBS.
PRICE: USED, REPARABLE \$65.00 CHECKED \$85.00
PROBES FOR USM-38: CATHODE FOLLOWER \$5.00
DETECTOR \$5.00 10:1 ATTENUATOR \$5.00
MANUAL FOR USM-38 SCOPE: \$7.50

OS-8 SCOPE



OS-8 OSCILLOSCOPE WITH 3RP1
CRT. PORTABLE, GENERAL PUR-
POSE UNIT DESIGNED TO DIS-
PLAY AND PLOT ELECTRICAL POT-
ENTIALS. VERTICAL DC AMP
FREQUENCY RANGE: 0 TO 2 MHZ;
HORIZONTAL DC AMP FREQ.
RANGE: 0 TO 500 KHZ.
SWEEP CIRCUIT OSCILLATOR
RANGE: 3 TO 50K HZ. OVERALL
FREQ. ACCURACY: \pm 3 DB. INPUT IMPEDANCE: 9
MEG OHMS SHUNTED BY 11 MMF (VERT. & HORZ. DC)
OR 1.5 MEGOHM SHUNTED BY 25 MMF. (VERT. &
HORZ. AC). DEFLECTION SENSITIVITY: .075 RMS
VOLTS (VERT. & HORZ. AMP); DIRECT: 17 RMS V.
(VERT.) AND 25 RMS V. (HORZ.). THERE IS DIRECT
ACCESS TO BOTH VERTICAL AND HORIZONTAL
PLATES. POWER REQUIRED: 115 VAC 50-1000 HZ.
SIZE: 9 $\frac{1}{2}$ "x6 $\frac{1}{2}$ "x15 $\frac{1}{2}$ " SHPG. WT: 20 LBS.
PRICE: USED, REPARABLE \$49.50 CHECKED \$65.00

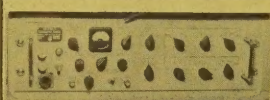
SIGNAL GENERATOR



AN/USM-16 SIGNAL GENERATOR
10-440 MHZ CW, AM, FM, PM
SWEEP FREQUENCY RF GENERATOR
AN OUTPUT OF 0.1 μ -VOLT TO
.224 VOLT IS AVAILABLE FROM
10-440 MHZ. OSCILLATOR IS
FREQUENCY AND AMPLITUDE
STABILIZED. SWEEP RANGE IS
0 TO - 75 KHZ, 750 KHZ,
7500 KHZ. A 1-30 μ SEC

DURATION 50 TO 5 KHZ PULSE IS AVAILABLE FOR
PULSE MODULATION OR AN OUTPUT SEPERATELY.
CRYSTAL CALIBRATOR FOR ACCURATE FREQUENCY
CALIBRATION- COMPLETE DATA ON REQUEST W/ SASE
SHPG. WT: 150 LBS. SIZE 20 x 19 $\frac{1}{2}$ x 17 $\frac{1}{2}$.
POWER REQUIRED 115V 50-400HZ

PRICE: USED FUNCTIONAL CHECKED- \$350.00
NOT CALIBRATED \$300.00
USED REPARABLE



SG-376-A AUDIO AND
RF SIGNAL GENERATOR
USED TO TEST SSB
RADIO EQUIPMENT AND
CONSISTS OF TWO
VARIABLE FREQUENCY

AUDIO OSCILLATORS AND TWO DUAL FREQUENCY IF
OSCILLATORS INDEPENDENT OF EACH OTHER, FREQ
RANGE 20-20KHZ IN STEPS 1HZ FROM 20-100HZ
10HZ FROM 100-1000HZ, 100HZ FROM 1000 TO 10
KHZ, AND 200HZ FROM 10KHZ TO 20KHZ, ACCURACY
1% THE IF FREQUENCIES AVAILABLE ARE 497.5KHZ,
498.5KHZ, 501.5KHZ, 502.5KHZ, CRYSTAL
CONTROLLED 0.01% AF OUTPUT 2 TO 2.5 VOLTS
ATTENUATED UP TO 100DB, OUTPUT IMPEDANCE 600
OHM, THE AUDIO OSCILLATORS AND EITHER PAIR OF
THE RF OSCILLATORS MAY BE MIXED FOR USE AT
THE SAME TIME TO TEST SSB COMMUNICATIONS
EQUIPMENT. CAN BE REMOVED FROM CASE FOR RACK
MOUNTING. TRANSISTORS: 12/2N526, 6/2N1309,
1/2N297, 1/2N404. POWER REQUIRED 115VOLT
47.5 TO 450 HZ 15 WATTS 5 $\frac{1}{2}$ "x11 $\frac{1}{2}$ "x19 SHGWT 35 LBS
MANUAL \$7.50 USED REPARABLE \$175.00
USED CHECKED \$225.00

DIGITAL



DIGITAL TEST INSTRU-
MENTS: VOLTMETERS,
MULTIMETERS, ETC.
ALL 115 VAC 60 HZ.
SOLD AS "USED, COM-
PLETE-REPARABLE; LESS
TEST LEADS."

CUBIC V41 DC VOLTMEETER; 0-999.9 VDC WITH
SCALERS 1, 10, 100, AND 1000 VDC. SEPARATE
DISPLAY AND CONTROL COMPONENTS. \$110.00
ELECTRO-INSTRUMENTS

MODEL 848 MULTIMETER; 0-999.9 VDC, WITH
RATIO POSITION; SINGLE COMPONENT. \$125.00
MODEL 851 MULTIMETER; 0-999.9 DC AND AC
VOLTS; OHMS TO 1 MEG. \$165.00
MODEL 880 MULTIMETER; 0-999.99 VDC, WITH
RATIO POSITION; SINGLE COMP. \$150.00

NON-LINEAR SYSTEMS

MODEL 64 DC VOLTMEETER; 0-499.9 VDC WITH
SCALERS 10, 100 AND 500 VDC. \$95.00
MODEL V64 DC VOLTMEETER; 0-999.9 VDC WITH
SCALERS 10, 100 AND 1000 VDC. \$115.00
MODEL M24 VOM; 0-999.9 VDC AND OHMS TO ONE
MEG. DISPLAY AND CONTROL COMP. \$135.00
MODEL M24-B AC-DC VOLTMEETER; 0-999.9 AC
AND DC VOLTS; DISPLAY AND 264F CONVERTER
UNIT. \$135.00
MODEL M25 VOM; 0-999.99 VDC AND OHMS TO
10 MEG. DISPLAY AND CONTROL COMP. \$160.00

USM-32 OSCILLOSCOPE



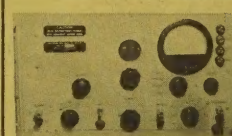
AN/USM-32 PORTABLE OSCILLOSCOPE
FOR GENERAL PURPOSE RADAR
MAINTENANCE. VERTICAL AMPLIFIER
10-4MHZ \pm 2DB; RISE TIME .08 μ SEC;
INPUT IMPEDANCE 1 MEGOHM 28 MMF
VERTICAL DIRECT: 3 MEGOHMS
30MMF; 50V P-P VOLTS/INCH INPUT
GAIN MAX .28 P-P VOLTS/INCH.
VERTICAL ATTENUATION 0.3, 1, 3, 10,
30, 100 VOLTS/INCH. SIGNAL DELAY .35 μ SEC
LINEAR TIME BASE; 10 TO 200,000 μ SECS,
EXPANSION TO TWICE SCREEN DIAMETER.
SYNCHRONIZATION: POSITIVE OR NEGATIVE-EXTERNAL
INTERNAL OR LINE. TIME MARKER GENERATOR: 1,
10, 100, 1000 OR 10000 μ SECS. VOLTAGE CALIBRATIO
0.6V CLIPPED SINE WAVE. TRIGGER GENERATOR:
DURATION 1-2 μ SECS, FREQUENCY 45HZ TO 5.5KHZ
100 VOLTS INTO 5000 OHMS. POWER REQUIRED
115V 50-400HZ; TUBES 1Z2, 3WP1, 3/6AN5, 3/
6AU6 2/6X4, 6/12AT7, 5651, 3/6AK5, 5726,
3/5814 SIZE: 9 $\frac{1}{2}$ " x 7 x 17 SHPG WT: 25 LBS.
USED REPARABLE \$60.00 USED CHECKED \$85.00

TAPE RECORDER



RO-28/UNH-6 2 CHANNEL TAPE RECORDER
USES $\frac{1}{2}$ INCH TAPE 7" REELS FOR 45
MINUTE RECORDING TIME. USES TWO
28VDC MOTORS, ONE AS CAPSTAN DRIVE
MOTOR OTHER AS TAKE UP MOTOR. POWER
REQUIRED 28 VDC FOR MOTOR AND
FILAMENTS, 115V 400HZ SUPPLIES B
PLUS FOR TUBES. HAS ONE 1 $\frac{1}{2}$ " VU
METER TO SET LEVELS. TUBES 6TF4,
26Z5, 0A2; 5/5703, 2/6533 SIZE 8x5x19 $\frac{1}{2}$ LONG
SHPG WT: 30 LBS. USED \$24.95

SPECTRUM ANALYZER



TS-723-C SPECTRUM
ANALYZER USED TO MEAS-
URE HARMONIC DISTORTION
AND NOISE LEVEL IN
AUDIO AMPLIFIERS. MEAS-
UREMENTS ARE MADE IN
PERCENTAGE OR DECIBELS
AND NOISE IS MEASURED

IN RMS OR DB VALUES REFERRED TO 1 MW ACROSS
600 OHMS (DBM). THE SPECTRUM ANALYZER CAN
ALSO BE USED AS AN AC VACUUM TUBE VOLTMEETER
FREQ 20-20KHZ, DISTORTION LEVELS AS LOW AS
0.3% FULL SCALE. INPUT IMPEDANCE 200,00 OHMS
40 MMF SHUNT. METER RANGES: 0.03 0.1 0.3,
1, 10, 30, 100, 300 RMS VOLTS DB -30, -20, -10, 0, -
+10, +20, +30, +40, AND +50 VTVM FREQ RANGE
10 TO 100KHZ, VTVM INPUT IMPEDANCE 1 MEGOHM
POWER REQUIRED 115/230 VOLTS 50-1000 HZ
TUBES 6H6, 3/6AC7, 2/6J5, 0D3, 4/6SJ7, 5Y3,
6Y6, 19" RACK MOUNT 10 $\frac{1}{2}$ "x12" SHPG WT: 50 LBS.
USED REPARABLE \$200.00 USED CHECKED \$250.00